

7000 GeV pp

Jets

 $F_{\eta_2}(\#b\eta)$  ( $n_j \geq 3$ ,  $p_{T1/3} > 100/30$ ,  $|\eta_2| < 0.8$ ,  $M_{12} > 220$ ,  $0.5 < \Delta R_{23} < 1.5$ )

- CMS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.176 default
- - ◆ Sherpa 1.4.0 default

Rivet 3.1.0,  $\geq 5.6M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1265659

Ratio to CMS

2

1

0.5

0

1

2

3

 $b\eta$ 